Application No: 10567939   Version No: 1.0

Input Set:

Output Set:

Started: 2008-11-19 15:30:36.969
Finished: 2008-11-19 15:35:59.429
Elapsed: 0 hr(s) 5 min(s) 22 sec(s) 460 ms
Total Warnings: 6426
Total Errors: 9596
No. of SeqIDs Defined: 6464
Actual SeqID Count: 6464

Error code   Error Description

W   402   Undefined organism found in <213> in SEQ ID (1)

W   402   Undefined organism found in <213> in SEQ ID (2)

W   402   Undefined organism found in <213> in SEQ ID (3)

W   402   Undefined organism found in <213> in SEQ ID (4)

W   402   Undefined organism found in <213> in SEQ ID (5)

W   402   Undefined organism found in <213> in SEQ ID (6)

W   402   Undefined organism found in <213> in SEQ ID (7)

W   402   Undefined organism found in <213> in SEQ ID (8)

W   402   Undefined organism found in <213> in SEQ ID (9)

W   402   Undefined organism found in <213> in SEQ ID (10)

W   402   Undefined organism found in <213> in SEQ ID (11)

W   402   Undefined organism found in <213> in SEQ ID (12)

W   402   Undefined organism found in <213> in SEQ ID (13)

W   402   Undefined organism found in <213> in SEQ ID (14)

W   402   Undefined organism found in <213> in SEQ ID (15)

W   402   Undefined organism found in <213> in SEQ ID (16)

W   402   Undefined organism found in <213> in SEQ ID (17)

W   402   Undefined organism found in <213> in SEQ ID (18)

W   402   Undefined organism found in <213> in SEQ ID (19)

W   402   Undefined organism found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started:	2008-11-19 15:30:36.969
Finished:	2008-11-19 15:35:59.429
Elapsed:	0 hr(s) 5 min(s) 22 sec(s) 460 ms
Total Warnings:	6426
Total Errors:	9596
No. of SeqIDs Defined:	6464
Actual SeqID Count:	6464

Error code	Error Description
	This error has occured more than 20 times, will not be displayed
E 342	'n' position not defined found at POS: 257 SEQID(55)
E 342	'n' position not defined found at POS: 979 SEQID(576)
E 342	'n' position not defined found at POS: 980 SEQID(576)
E 342	'n' position not defined found at POS: 981 SEQID(576)
E 342	'n' position not defined found at POS: 982 SEQID(576)
E 342	'n' position not defined found at POS: 983 SEQID(576)
E 342	'n' position not defined found at POS: 984 SEQID(576)
E 342	'n' position not defined found at POS: 985 SEQID(576)
E 342	'n' position not defined found at POS: 986 SEQID(576)
E 342	'n' position not defined found at POS: 987 SEQID(576)
E 342	'n' position not defined found at POS: 988 SEQID(576)
E 342	'n' position not defined found at POS: 989 SEQID(576)
E 342	'n' position not defined found at POS: 990 SEQID(576)
E 342	'n' position not defined found at POS: 991 SEQID(576)
E 342	'n' position not defined found at POS: 992 SEQID(576)
E 342	'n' position not defined found at POS: 993 SEQID(576)
E 342	'n' position not defined found at POS: 994 SEQID(576)
E 342	'n' position not defined found at POS: 995 SEQID(576)
E 342	'n' position not defined found at POS: 4246 SEQID(647)
E 342	'n' position not defined found at POS: 4247 SEQID(647)
	This error has occured more than 20 times, will not be displayed
E 341	'Xaa' position not defined SEQID (4160) POS (12)

```
          Input Set:


          Output Set:



              Started:   2008-11-19 15:30:36.969
             Finished:   2008-11-19 15:35:59.429
              Elapsed:   0 hr(s) 5 min(s) 22 sec(s) 460 ms
       Total Warnings:   6426
         Total Errors:   9596
  No. of SeqIDs Defined:   6464
   Actual SeqID Count:   6464
```

Error code   Error Description

E   341   'Xaa' position not defined   SEQID (4160) POS (13)

<400> 1
 gccggaaccg ccatcttcca gtaattcgcc aaaatgacga acacaaaggg 50

 aaagaggaga ggcacccgat atatgttctc taggcctttt agaaaacatg 100

 gagttgttcc tttggccaca tatatgcgaa tctataagaa aggtgatatt 150

 gtagacatca agggaatggg tactgttcaa aaaggaatgc cccacaagtg 200

 ttaccatggc aaaactggaa gagtctacaa tgttacccag catgctgctg 250

 gcattgttgt aaacgaacaa gttaagggca agattcttgc caagagaatt 300

 aatgtgcgta ttgagcacat taagcactct aagagccgag ataacttcct 350

 gaaacgtgtg aaggragatg atcaggaaaa graagaagcc caagagaaag 400

 gtacctgggt tcaactaaag cgccamcctg ctccacccag agaagcacac 450

 tttgtgagaa ccaatgggaa ggagcctgag ctgctggaac ctattcccta 500

 tgaattcatg gcataatagg tgttaaaaaa aaaataaagg acctctgggc 550

 taccaaaaaa aa 562

<210> 2

<211> 160
<212> PRT
<213> Homo sapien

<220>
<221> unsure
<222> 111, 117, 131
<223> unknown amino acid

<400> 2
 Met Thr Asn Thr Lys Gly Lys Arg Arg Gly Thr Arg Tyr Met Phe
   1   5   10   15

 Ser Arg Pro Phe Arg Lys His Gly Val Val Pro Leu Ala Thr Tyr
                  20   25   30

 Met Arg Ile Tyr Lys Lys Gly Asp Ile Val Asp Ile Lys Gly Met
                  35   40   45

 Gly Thr Val Gln Lys Gly Met Pro His Lys Cys Tyr His Gly Lys
                  50   55   60

 Thr Gly Arg Val Tyr Asn Val Thr Gln His Ala Ala Gly Ile Val
                  65   70   75

 Val Asn Glu Gln Val Lys Gly Lys Ile Leu Ala Lys Arg Ile Asn
                  80   85   90

 Val Arg Ile Glu His Ile Lys His Ser Lys Ser Arg Asp Asn Phe
                  95   100   105

 Leu Lys Arg Val Lys Xaa Asp Asp Gln Glu Lys Xaa Glu Ala Gln
                 110   115   120

 Glu Lys Gly Thr Trp Val Gln Leu Lys Arg Xaa Pro Ala Pro Pro
                 125   130   135

 Arg Glu Ala His Phe Val Arg Thr Asn Gly Lys Glu Pro Glu Leu
                 140   145   150

 Leu Glu Pro Ile Pro Tyr Glu Phe Met Ala
                 155   160

<210> 3
<211> 2714
<212> DNA
<213> Homo sapien

<400> 3
 ccgacatgtt gagtcataag acgcgtcggt gttgcagtct gtgtccttgg 50

 aggtgaccag ggccactgca ggcatggtgc tagcagagct gtacgtctct 100

 gaccgagagg gaagcgatgc cacgggagat ggaaccaagg agaaaccatt 150

 taaaacaggt ctaaaggctt tgatgacagt agggaaagaa ccatttccta 200

```
ccatttacgt agattcacaa aaagaaaatg agaggtggaa tgttatttct 250

aaatcacagt tgaagaacat taaaaagatg tggcataggg aacaaatgaa 300

gagtgaatcc cgggaaaaga aagaggcaga agatagttta cgaagagaaa 350

agaacctgga agaagcaaag aagattacca ttaaaaatga tccaagtctc 400

ccagagccaa aatgtgtgaa gattggtgcg ttagaaggat atagaggcca 450

aagagtaaag gtgtttggct gggtccacag gctgcgcagg caaggaaaga 500

atttaatgtt tctggtgttg cgagatggta caggttatct tcagtgtgtc 550

ttggcggatg agttgtgtca gtgctacaat ggagttctct tgtccacgga 600

gagcagtgtt gcagtgtatg gaatgctaaa tcttacccca aagggcaagc 650

aggctccagg tggccatgag ctgagttgtg acttctggga actaattggg 700

ttggcccctg ctggaggagc tgacaacctg atcaatgagg agtctgacgt 750

tgatgtccag ctcaacaaca gacacatgat gatccgagga gaaaacatgt 800

ccaaaatcct aaaagcacga tccatggtca ccaggtgctt tagagatcac 850

ttctttgata gggggtacta tgaagttact cctccaacat tagtgcaaac 900

acaagtagaa ggtggtgcca cactcttcaa gcttgactat tttggggaag 950

aggcattttt gactcaatcc tctcagttgt acttggagac ctgcctccca 1000

gccctgggag atgttttttg tattgctcag tcataccggg cagagcagtc 1050

cagaacacga aggcacctgg ctgagtacac tcacgtggaa gctgagtgtc 1100

ctttcctgac ttttgacgac ctcctgaacc ggttggagga cttggtttgt 1150

gatgtggtag atcgaatatt gaagtcacct gcagggagca tagtgcatga 1200

gctcaacccg aactttcagc cccccaaacg gcctttcaaa cggatgaact 1250

attcagatgc tatcgtttgg ctaaaagaac atgatgtaaa gaaagaagat 1300

ggaactttct atgaatttgg agaagatatc ccagaagctc ctgagagact 1350

gatgacagac accattaatg aaccaatctt gctgtgtcga tttcctgtgg 1400

agatcaagtc cttctacatg cagcgatgtc ctgaggattc ccgtcttact 1450

gaatctgtcg acgtgttgat gcccaatgtt ggtgagattg tgggaggctc 1500

aatgcgtatc tttgatagtg aagaaatact ggcaggttat aaaagggaag 1550

ggattgaccc cactccctat tactggtata cggatcagag aaaatacggt 1600

acatgtcccc atggaggata tggcttgggc ttggaacgat tcttaacgtg 1650
```

```
gattctgaat aggtatcaca tccgagacgt gtgcttatac cctcgatttg 1700

tccagcgttg cacgccataa ccattttctc cagaagcgtg gaggaaagat 1750

tatgaaagga acaggctctt taaaaaagaa aacaaaaagc cagaatcttc 1800

ctttttttg tttcattggg gtttctcttt ctgtttttct ttctactacc 1850

ataaaaacta tctcaaatca cctgaacatc aagtgatatt aaggttgtca 1900

tcttaagaaa aaatatccat tttttctta agttcgggaa acaaagttcg 1950

gggaaaatac ctggcatgaa actgtagtta gggatacatt tcagcatttt 2000

actcacttta tccaagttat tcattttatt caagttatat gtatgtataa 2050

ttcaacaatt ttagattatg gtgtaagata ctccagtaac ttatctttct 2100

gtccttttaa gtgtacctgg aattctttga tttattttat tgcatcaatg 2150

aattaaaaca aaaatcttgg gggaagaaat tggcaatatc gtataaaaat 2200

ctgctcatat tagaacacag tataattcag cagtaaacac tagaatcaaa 2250

tgaatagcct tttgtatcag ttattaatct tttctaactc tgcttagctg 2300

ctaataatcc tgaggcatag aaattgaaga atttgtaaaa atagaattgc 2350

cttaaaggat ttgaagtaag aacataattt tggggagagt tttttagtga 2400

ttcacagtat ccctcttagc attaatttaa ggtaaagagg cagattgatt 2450

ttccctcttt cctggtaatt cctaagtaat taagaataaa taagttccaa 2500

aagaaattgt agctggaatc ttaataacaa ttgtgagtgg ctgtttgagt 2550

tgcccccacc atgtccttag atctaatctg tgctacctta ttaactcaca 2600

gcaggcttac tgaatggctt catttcagat ttagttgatt tctccaccaa 2650

atgcatgtca tgtattctca ataggctgta ttcccagcag tcaataaatg 2700

aacacccgta aaaa 2714
```

<210> 4
<211> 548
<212> PRT
<213> Homo sapien

<400> 4

```
Met Val Leu Ala Glu Leu Tyr Val Ser Asp Arg Glu Gly Ser Asp
1               5                   10                  15

Ala Thr Gly Asp Gly Thr Lys Glu Lys Pro Phe Lys Thr Gly Leu
                20                  25                  30
```

```
Lys Ala Leu Met Thr Val Gly Lys Glu Pro Phe Pro Thr Ile Tyr
             35                  40                  45

Val Asp Ser Gln Lys Glu Asn Glu Arg Trp Asn Val Ile Ser Lys
                 50                  55                  60

Ser Gln Leu Lys Asn Ile Lys Lys Met Trp His Arg Glu Gln Met
                 65                  70                  75

Lys Ser Glu Ser Arg Glu Lys Lys Glu Ala Glu Asp Ser Leu Arg
                 80                  85                  90

Arg Glu Lys Asn Leu Glu Glu Ala Lys Lys Ile Thr Ile Lys Asn
                 95                 100                 105

Asp Pro Ser Leu Pro Glu Pro Lys Cys Val Lys Ile Gly Ala Leu
                110                 115                 120

Glu Gly Tyr Arg Gly Gln Arg Val Lys Val Phe Gly Trp Val His
                125                 130                 135

Arg Leu Arg Arg Gln Gly Lys Asn Leu Met Phe Leu Val Leu Arg
                140                 145                 150

Asp Gly Thr Gly Tyr Leu Gln Cys Val Leu Ala Asp Glu Leu Cys
                155                 160                 165

Gln Cys Tyr Asn Gly Val Leu Leu Ser Thr Glu Ser Ser Val Ala
                170                 175                 180

Val Tyr Gly Met Leu Asn Leu Thr Pro Lys Gly Lys Gln Ala Pro
                185                 190                 195

Gly Gly His Glu Leu Ser Cys Asp Phe Trp Glu Leu Ile Gly Leu
                200                 205                 210

Ala Pro Ala Gly Gly Ala Asp Asn Leu Ile Asn Glu Glu Ser Asp
                215                 220                 225

Val Asp Val Gln Leu Asn Asn Arg His Met Met Ile Arg Gly Glu
                230                 235                 240

Asn Met Ser Lys Ile Leu Lys Ala Arg Ser Met Val Thr Arg Cys
                245                 250                 255

Phe Arg Asp His Phe Phe Asp Arg Gly Tyr Tyr Glu Val Thr Pro
                260                 265                 270

Pro Thr Leu Val Gln Thr Gln Val Glu Gly Gly Ala Thr Leu Phe
                275                 280                 285

Lys Leu Asp Tyr Phe Gly Glu Glu Ala Phe Leu Thr Gln Ser Ser
                290                 295                 300

Gln Leu Tyr Leu Glu Thr Cys Leu Pro Ala Leu Gly Asp Val Phe
                305                 310                 315
```

```
Cys Ile Ala Gln Ser Tyr Arg Ala Glu Gln Ser Arg Thr Arg Arg
            320                 325                 330

His Leu Ala Glu Tyr Thr His Val Glu Ala Glu Cys Pro Phe Leu
            335                 340                 345

Thr Phe Asp Asp Leu Leu Asn Arg Leu Glu Asp Leu Val Cys Asp
            350                 355                 360

Val Val Asp Arg Ile Leu Lys Ser Pro Ala Gly Ser Ile Val His
            365                 370                 375

Glu Leu Asn Pro Asn Phe Gln Pro Pro Lys Arg Pro Phe Lys Arg
            380                 385                 390

Met Asn Tyr Ser Asp Ala Ile Val Trp Leu Lys Glu His Asp Val
            395                 400                 405

Lys Lys Glu Asp Gly Thr Phe Tyr Glu Phe Gly Glu Asp Ile Pro
            410                 415                 420

Glu Ala Pro Glu Arg Leu Met Thr Asp Thr Ile Asn Glu Pro Ile
            425                 430                 435

Leu Leu Cys Arg Phe Pro Val Glu Ile Lys Ser Phe Tyr Met Gln
            440                 445                 450

Arg Cys Pro Glu Asp Ser Arg Leu Thr Glu Ser Val Asp Val Leu
            455                 460                 465

Met Pro Asn Val Gly Glu Ile Val Gly Gly Ser Met Arg Ile Phe
            470                 475                 480

Asp Ser Glu Glu Ile Leu Ala Gly Tyr Lys Arg Glu Gly Ile Asp
            485                 490                 495

Pro Thr Pro Tyr Tyr Trp Tyr Thr Asp Gln Arg Lys Tyr Gly Thr
            500                 505                 510

Cys Pro His Gly Gly Tyr Gly Leu Gly Leu Glu Arg Phe Leu Thr
            515                 520                 525

Trp Ile Leu Asn Arg Tyr His Ile Arg Asp Val Cys Leu Tyr Pro
            530                 535                 540

Arg Phe Val Gln Arg Cys Thr Pro
            545
```

<210> 5
<211> 698
<212> DNA
<213> Homo sapien

<400> 5
ctttcctttc gctgctgcgg ccgcagccat gagtatgctc aggcttcaga 50

agaggctcgc ctctagtgtc ctccgctgtg gcaagaagaa ggtctggtta 100

```
gaccccaatg agaccaatga aatcgccaat gccaactccc gtcagcagat 150

ccggaagctc atcaaagatg ggctgatcat ccgcaagcct gtgacggtcc 200

attcccgggc tcgatgccgg aaaaacacct ggcccgccg gaagggcagg 250

cacatgggca taggtaagcg gaagggtaca gccaatgccc gaatgccaga 300

gaaggtcaca tggatgagga gaatgaggat tttgcgccgg ctgctcagaa 350

gataccgtga atctaagaag atcgatcgcc acatgtatca cagcctgtac 400

ctgaaggtga gggggaatgt gttcaaaaac aagcggattc tcatggaaca 450

catccacaag ctgaaggcag acaaggcccg caagaagctc ctggctgacc 500

aggctgaggc ccgcaggtct aagaccaagg aagcacgcaa gcgccgtgaa 550

gagcgcctcc aggccaagaa ggaggagatc atcaagactt tatccaagga 600

ggaagagacc aagaaataaa acctcccact ttgtctgtac atactggcct 650

ctgtgattac atagatcagc cattaaaata aaacaagcct taatctgc 698
```

<210> 6
<211> 196
<212> PRT
<213> Homo sapien

<400> 6
```
 Met Ser Met Leu Arg Leu Gln Lys Arg Leu Ala Ser Ser Val Leu
  1               5                  10                  15

 Arg Cys Gly Lys Lys Lys Val Trp Leu Asp Pro Asn Glu Thr Asn
                 20                  25                  30

 Glu Ile Ala Asn Ala Asn Ser Arg Gln Gln Ile Arg Lys Leu Ile
                 35                  40                  45

 Lys Asp Gly Leu Ile Ile Arg Lys Pro Val Thr Val His Ser Arg
                 50                  55                  60

 Ala Arg Cys Arg Lys Asn Thr Leu Ala Arg Arg Lys Gly Arg His
                 65                  70                  75

 Met Gly Ile Gly Lys Arg Lys Gly Thr Ala Asn Ala Arg Met Pro
                 80                  85                  90

 Glu Lys Val Thr Trp Met Arg Arg Met Arg Ile Leu Arg Arg Leu
                 95                 100                 105

 Leu Arg Arg Tyr Arg Glu Ser Lys Lys Ile Asp Arg His Met Tyr
                110                 115                 120

 His Ser Leu Tyr Leu Lys Val Lys Gly Asn Val Phe Lys Asn Lys
                125                 130                 135
```

Arg Ile Leu Met Glu His Ile His Lys Leu Lys Ala Asp Lys Ala
                140   145   150

Arg Lys Lys Leu Leu Ala Asp Gln Ala Glu Ala Arg Arg Ser Lys
                155   160   165

Thr Lys Glu Ala Arg Lys Arg Arg Glu Glu Arg Leu Gln Ala Lys
                170   175   180

Lys Glu Glu Ile Ile Lys Thr Leu Ser Lys Glu Glu Glu Thr Lys
                185   190   195

Lys

<210> 7
<211> 1200
<212> DNA
<213> Homo sapien

<400> 7
gcccgaccgc tttccgggag actggagtcg aaggccgtga ggtatttttc 50

taagtcagcc ataatggcag gtgaagaaat taatgaagac tatccagtag 100

aaattcacga gtatttgtca gcgtttgaga attccattgg tgctgtggat 150

gagatgctga agaccatgat gtctgtttct agaaatgagt tgttgcagaa 200

gttggatcca cttgaacaag caaaagtgga tttggtttct gcatacacat 250

taaattcaat gttttgggtt tatttggcaa cccaaggagt taatcctaag 300

gaacatccag taaaacagga attggaaaga atcagagtat atatgaacag 350

agtcaaggaa ataacagaca agaaaaaggc tggcaagctg acagaggtg 400

cagcttcaag atttgtaaaa aatgccctct gggaaccaaa atcgaaaaat 450

gcatcaaaag ttgccaataa aggaaaaagt aaaagttaac tttttggttt 500

tgatgtacac atattcaaaa agtacatctt ccccccccc cccccccccg 550

caaaataatt ctgtggcagg gcaaggttta aatgtgtttc ttattaatat 600

gtaaattcac agtaaatatg taaagctaaa tactttcctc tccaaagatc 650

attatcttta ttgattagca ctgaggattt taacattgtg atatattata 700

tatttataat ttaccatctc ttgatgagac tcttatttct ttatataggt 750

cagtcttgca agtaccattt tataagcagc tgtgaaattt aagtgaaatg 800

ttctttgtaa acatttgtac tattttaaat gaataatgac cttatgaagt 850

atgctatctg taggctgaaa ttataggtac atctgttttc actatatgat 900

attaagaaag cgtgaaatga cttaaatgtt catttttttc tgtatagata 950

ctttatcatg ttttcatgat tttaggaatt actgctttgt tgatattcaa 1000

agtgtgaaac taaaacttta tggttgtact ttaattcttg gcatgttgcc 1050

tctatgtccc atttaaaata aaatacattc tcattaactt tagatgggaa 1100

ataaggttgt atgttgatgg atgaattttg gcatgatgac tgtactctca 1150

ataaaggctg aaaatgttgt ataaaaaaaa aaaaaaaaaa aaaaaaaaa 1200

<210> 8
<211> 141
<212> PRT
<213> Homo sapien

<400> 8
Met Ala Gly Glu Glu Ile Asn Glu Asp Tyr Pro Val Glu Ile His
 1   5   10   15

Glu Tyr Leu Ser Ala Phe Glu Asn Ser Ile Gly Ala Val Asp Glu
                20   25   30

Met Leu Lys Thr Met Met Ser Val Ser Arg Asn Glu Leu Leu Gln
                35   40   45

Lys Leu Asp Pro Leu Glu Gln Ala Lys Val Asp Leu Val Ser Ala
                50   55   60

Tyr Thr Leu Asn Ser Met Phe Trp Val Tyr Leu Ala Thr Gln Gly
                65   70   75

Val Asn Pro Lys Glu His Pro Val Lys Gln Glu Leu Glu Arg Ile
                80   85   90

Arg Val Tyr Met Asn Arg Val Lys Glu Ile Thr Asp Lys Lys Lys
                95   100   105

Ala Gly Lys Leu Asp Arg Gly Ala Ala Ser Arg Phe Val Lys Asn
                110   115   120

Ala Leu Trp Glu Pro Lys Ser Lys Asn Ala Ser Lys Val Ala Asn
                125   130   135

Lys Gly Lys Ser Lys Ser
                140

<210> 9
<211> 2567
<212> DNA
<213> Homo sapien

<400> 9
ctccggcgca gtgttgggac tgtctgggta tcggaaagca agcctacgtt 50

```
gctcactatt acgtataatc cttttctttt caagatgcct gaggaagtgc 100

accatggaga ggaggaggtg gagacttttg cctttcaggc agaaattgcc 150

caactcatgt ccctcatcat caataccttc tattccaaca aggagatttt 200

ccttcgggag ttgatctcta atgcttctga tgccttggac aagattcgct 250

atgagagcct gacagaccct tcgaagttgg acagtggtaa agagctgaaa 300

attgacatca tccccaaccc tcaggaacgt accctgactt tggtagacac 350

aggcattggc atgaccaaag ctgatctcat aaataatttg ggaaccattg 400

ccaagtctgg tactaaagca ttcatggagg ctcttcaggc tggtgcagac 450

atctccatga ttgggcagtt tggtgttggc ttttattctg cctacttggt 500

ggcagagaaa gtggttgtga tcacaaagca caacgatgat gaacagtatg 550

cttgggagtc ttctgctgga ggttccttca ctgtgcgtgc tgaccatggt 600

gagcccattg gcaggggtac caaagtgatc ctccatctta agaagatca 650

gacagagtac ctagaagaga ggcgggtcaa agaagtagtg aagaagcatt 700

ctcagttcat aggctatccc atcacccttt atttggagaa ggaacgagag 750

aaggaaatta gtgatgatga ggcagaggaa gagaaaggtg agaaagaaga 800

ggaagataaa gatgatgaag aaaaacccaa gatcgaagat gtgggttcag 850

atgaggagga tgacagcggt aaggataaga agaagaaaac taagaagatc 900

aaagagaaat acattgatca ggaagaacta aacaagacca agcctatttg 950

gaccagaaac cctgatgaca tcacccaaga ggagtatgga gaattctaca 1000

agagcctcac taatgactgg gaagaccact ggcagtcaa gcacttttct 1050

gtagaaggtc agttggaatt cagggcattg ctatttattc ctcgtcgggc 1100

tccctttgac ctttttgaga acaagaagaa aaagaacaac atcaaactct
```